

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB



An ARRL Special Service Club

June 1989

Next Meeting June 14, 1989

OTVARC Ready for SEA-PAC

By Lorna, KA7RFD

SEA-PAC '89 headed up by Co-Chairmen Jim, KB7ADH and Randy, KZ7T, promises to be a roaring success. Despite being up against the National Convention in Dallas, one major manufacturer and six prominent Northwest dealers will be in attendance. Flea market tables are already sold to capacity. You'll be able to purchase antennas, radios, batteries, computer accessories and programs. At the OTVARC booth you can buy decals of the new SEA-PAC logo designed by graphics artist Arnie Schumacher which can be ironed on the T-shirt or hat of your choice by "Hats for Hams".

As of this writing, May 20, there are approximately 1,500 pre-registrations. The Ladies luncheon is sold out and many disappointed dinners have had to be refunded for the Saturday night banquet. Those of you who attended the last OTVARC meeting will know that Mr. E. E. "Van" Valkenberg will be an interesting and amusing banquet speaker.

To follow in the footsteps of Al, WB7SIC and Doc, W7GWC, who so ably headed up SEA-PAC for the past few years, has taken a committee of seven. Monthly meetings started in July, 1988. Ken, WR7D has been coordinating Prizes and Exhibit setup. Mark, N7CRQ, is in charge of Flea Market and Security. Van, KE7BB has put together a wonderful program of seminars. Susan, N7EPE, treasurer and Lorna, KA7RFD, have handled registration. These meetings have also been attended by Al who has acted as advisor and consultant. Wes, K7WWG, has got together a marvelous group to assist the exhibitors with set up. Peggy, KB7FLZ, and Katy, N7GCL, are heading up the Ladies program. Our president, Ray, K7VDQ, is in charge of Casino Night. Jack, KA7HOJ, will ensure that all Flea Market participants are set up and happy in their positions. Greg, W7AGQ, as usual, will be our banquet master of ceremonies.

Peggy and Katy have done a wonderful job with the Ladies Program. Featured speakers at the luncheon are Grace Cornutt and Barbara Olson from Contempo Fashions - Jewelry and Scarves. Also at the Ladies Hospitality Suite in the Huntley Inn which will open during exhibit hours on Saturday and Sunday are other seminars, coffee and treats. The Seaside Chamber of Commerce will again sponsor the Ladies Treasure Hunt all day Saturday.

An Exhibitors Hospitality Suite is also being set up at the Huntley Inn with hosts Bobbi Antons, Carol Schmidt and Bert, W7JWG.

Casino Night at the Seaside Elks Lodge promises to be a really fun evening. This event is not yet sold out so three of our lovely ladies will be promoting it on Friday (watch for those legs, guys). Plan to attend if you are going to Seaside on Friday. Among the many marvelous prizes to be given away are a weekend for two at a special resort and a weather station.

Two sessions of VE testing will be given at Our Savior Lutheran Church on Saturday by Randy, WN7W, and his band of loyal examiners.

Support and assistance from club members has been outstanding. There is still a need for more warm bodies on Security, handing out pre-registration packages and working at the OTVARC booth. The OTVARC booth will serve as the information center for the entire convention.

Plans are in the works for a barbecue party for all SEA-PAC helpers and a major piece of ham equipment will be given to one lucky prize recipient. So, if you have a couple of hours to spare during SEA-PAC, won't you please volunteer, but be sure to sign the helpers log book so you receive your party invitation.

Have fun! See you at SEA-PAC!

Special SEA-PAC Edition

Field Day, 1989

By Terry Biggs, WB7CHK

When: June 23, 24, 25

Where: Willamette Mission State Park Lake "B"
(see map on page 5 and 6)

It's really hard to believe, but field day is upon us once again, and thanks to the super support from the membership, we're off to a good start. We had 23 people sign up for the setup and take down at the May meeting. We will be passing around the sign-up sheet at the June meeting as well.

Setup will start at 12:00 noon on Friday the 23rd. Take down will start at 12:00 noon on Sunday the 25th. It may be that we will have the lock the gate at 9:00 P.M. each night to keep others out. However, we will have a key, so if the gate is locked, call on 145.67 Mhz simplex and someone will come to let you in. (Reasonable hours please.)

We are in good shape for equipment. However, we can always use batteries and lanterns. Class will be 3A battery again with the all band CW station in Dee's trailer. The 40, 15, and 10 meter phone station will be in the club trailer and the 80 and 20 meter phone station in K7RXV's TeePee. The Novice/Technician station will be setup in a tent.

The overnight fee per rig has not been set yet, but I would guess it will be about the same as last year at \$2.50 per night. Mark your calendar and we hope to see you there.

Questions? Contact Dee, KA7NPN at 646-4580 or Terry, WB7CHK at 648-3687.

DX for Beginners and Others

By Greg Milnes, W7AGQ

You have seen me say the secret to DXing is to listen, listen and then listen some more. Well I thought I'd do just that on a Tuesday evening, in early May as this column was being prepared. It is 0500 UTC (10PM PDT). I have just finished talking to Martin, N7CYG in Los Angeles (formerly of Aloha and member of OTVARC). I decide to listen for a half-hour only just to see what's out there.

10 meters (my favorite band) is out by now so I choose 20 meters. The 14 Mhz band is the DX band. There are lots of stations on the other bands, but by far the most DX will be found on 20. Of course by far the worst QRM is here too (excluding the noise and shortwave junk on 40).

I start at the low end of the 20 meter advanced portion, 14.175. As I move up I hear first DK2PS, in West Germany, in QSO with N4UVQ just outside of Washington, DC. Nothing unusual about that until I hear that the Virginia station is using 1 watt! (maybe that should be an inverted or backwards!). The stateside station offered to turn up the power but was told it was not necessary...copy was Q-5, no problem at all. That just goes to show that power is great but propagation beats everything. If you've got it little else is necessary. As a sidelight, this was the first Virginia contact for the Dk2.

I move up the band and it looks like all of Italy is out in force this evening (morning their time). I hear virtually all the Italian call districts. There are some stations in Spain heard too as well as an off-shore EA6 in the Balearic Islands. There are other Europeans on as well. I list GW4 in Wales, F9 in France, OZ1 in Denmark, SM4 from Sweden and an ON6 from Belgium. In addition I hear a number of maritime mobiles in the South Pacific.

Well, how about 15? I turn over to the 21 Mhz band and wow! Europe is coming in here too. I grab several Russians, UZ1, UA3 and UA6 along with a UB5 in the Ukraine. Then there's an SM4 from Sweden and a LZ1 from Bulgaria. Further up the band things move east, as if by some geographic-frequency design. I hit upon an RI8 in Soviet Uzbek (just north of Iran) and extend out to Siberia with a UA9 and a UA0. There were a number of Japanese stations on 15 as always and the final station in my half-hour survey was from New Zealand, ZL1.

The point of this quick run through of 20 and 15 is that the DX is there for the picking. I know not much there was rare DX to some but at always, the definition of "rare" is a country you haven't worked yet. There were several pileups where I didn't take the time to dig out the call signs. There were undoubtedly many other DX stations on as well that I didn't hear. Yes, I do have a small 3-element beam but it is stuck pointing due South...not much help except for Easter Island or long path DX which wasn't present. So listen, the DX is there waiting for you even if you don't have a blockbuster signal.

73 & 88 (where appropriate)...Greg

The OVARC NEWSLETTER is published monthly by the Oregon Tualatin Valley Amateur Radio Club, Inc. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the Editorial Staff. Articles or letters may be submitted to: Jeffrey A. Durr, KA7AKU, Editor, 20320 S.W. Clarion Street, Aloha, Oregon 97006. Deadline for all newsletter material is the 25th of the preceding month.

Meetings are held on the second Wednesday of each month at the Beaverton Elks Lodge, 3500 S.W. 104th Avenue, Beaverton, Oregon. Meetings begin at 7:00 P.M. following a buffet dinner served at 6:15 P.M.

All correspondence other than for this newsletter should be sent to: Oregon Tualatin Valley Amateur Radio Club, Post Office Box 5132, Beaverton, Oregon 97006-0132.

A.R.E.S. Provides Diabetes Association Communication

By Jim Yohe, KF7KY

The Washington County A.R.E.S. provided the American Diabetes Association with communication for their Beaverton route on Saturday, May 20. The weather was great and the gathering was well attended by HAMS. It can be summed up as a good training experience for all A.R.E.S. members and non-members who used their Saturday to help in this worthy cause.

Fourteen hams and with family members helped in one or both of the two shifts during this full day event. The hams who attended were N27J, K7MCK, KB7BDY, N7GFK, WB7BBG, N7JAS, KA7LCO, KA7YKR, KC6CML, WM7L, N7IBI, KC7FC, WB7RAL, and KF7KY. Due to an injury at home KB7FFC had to drop out before the event and we hope that he gets to feeling better soon.

The event consisted of planning over about 3 weeks prior with meetings and nets to work out the details. All hams received information packages about one week in advance to study. It included a discussion about the FCC's rules regarding our transmissions and other relevant information, check-in and operating procedures, maps, event information from the sponsor and information about the symptoms of diabetes.

We convened at the McDonalds at Beaverton Hillsdale Highway and Jamieson Road for a quick review of the procedure and then all were dispatched to their assigned checkpoints and mobile positions. After some initial difficulty with the use of tactical identification the rest of the event went fine. Most of the checkpoint positions changed hams at the second shift. Operations ended with the confirmation that all participants were in safely.

A variety of problems occurred which should resolve themselves with discussion and more exercises. The positive things like the hams' enthusiastic attitudes, checking out the operation over simplex, and the team spirit made this event a success!

Next month, Washington County A.R.E.S. a wide variety of activities are available to members and non-members

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TUESDAY 7PM 147.04

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ANY INTERESTED AMATEURS

alike. We will have an drill on June 17 hopefully in conjunction with OEM. Help with other public service events may be needed with the Rose Parade, Cascade Runoff, and To Helen Back. See Hoodview ARC, Clackamas A.R.E.S., and Section Manager Randy Stimpson KZ7T, respectively. But the big event is Field Day. Participation in this event through most of the local clubs (I.E., OTVARC) is welcomed. This EC may take interested A.R.E.S. members off somewhere to have our own Field Day, so check with me.

Planning for A.R.E.S. events will occur during the next meeting and the weekly nets. For further information or for A.R.E.S. registration here is my address and phone:

Jim Yohe KF7KY
Washington County A.R.E.S. EC
Route 3 Box 237W Sherwood, Oregon 97140
Home phone: (503) 625-5771

Please join the A.R.E.S. and show us you care enough about getting the training you need BEFORE an emergency comes.

73 - Jim

Words from the President

By Ray Deeth, K7VDQ

Many club members are busy making final preparations for the SEA-PAC Convention, June 2-4, 1989 and Field Day, June 23-25, 1989. It is so great to see such support among the membership. I would like to take this opportunity to express my sincere gratitude to everyone who is volunteering many hours toward these biggest events of the year.

The SEA-PAC convention committee and the OTVARC executive board would like to encourage any members to volunteer for a little duty time in the OTVARC convention booth. What an opportunity to meet new hams and spread the "Good News" about the club. In addition, provide helpful assistance to any convention participant. Give Randy, KZ7T, a call if you can volunteer for OTVARC booth duty.

With the many deadlines at work and keeping the presidential responsibilities of OTVARC on track, it is preventing me from commenting on issues of interest in the community of amateur radio. However, I encourage you to drop in on 10 meters (28.456 Mhz) for the "OTVARC Open Forum". The time is anywhere from 7:00 P.M. to 9:00 P.M. There have been a few who have enjoyed the 'ragchew' the past two weeks. anywhere from 7:00 P.M. to 9:00 P.M. There have been a few who have enjoyed the 'ragchew' the past two weeks.

Aprils Fools Contest Results

By John Koenig, NB7W

OTVARC's April Fools's Contest was a resounding success; thousands of QSOs took place during what history will no doubt show as OTVARC's finest hour. Conditions were perfect with the 10 Meter Novice sub-band open into the South Pacific, New Zealand, Australia, and California! Local and DX signals crowded the sub-band during the entire contest.

Those of you who have followed the build up for the contest know that certain boisterous hams were shooting off their faces about their loud signals and the final outcome of the contest. This wastoo much for Pat, KA7UFG (up for grabs); she challenged the boys in the club to a boys against the girls competition. In the end it was clear that the girls were up for the challenge. the girls average score was 731 points with an average 28 QSOs; the boys averaged 330 points with an average of 20 QSOs. the girls won. My hat is off to the all!

The results:

Call	Name	QSOs	Points
KA7UFG	Pat }	62	2312
N7EPE	Sue }		
AE7W	Jim	35	738
KZ7T	Randy	34	600
KB7FZL	Peggy	25	558
WR7D	Ken	27	480
W7JXU	Dave	21	390
KA7RFD	Lorna	21	350
NB7W	John	19	336
K7VDQ	Ray	23	330
KB7DHR	John	19	286
KB7DNK	Kathy	19	273
WB7SIC	Al	17	264
KB7ADH	Jim	17	242
N7LMK	Joan	13	160
KD7LA	Marty	11	126
KB7DLZ	Phil	13	119
NO7X	Ray	7	54

Congratulations to Pat, KA7UFG, and Susan, N7EPE, the April Fool's contest winners Pat and Susan joined forces for a multi-single effort. their QSO rate was so high during the contest they had to take turns at the mike to keep up the pace! Susan was working contacts so fast during the contest she even forgot her own name and had to use Pat's. And talk about LOUD signals, at Skyline Memorial Gardens, my QTH, Pat and Sue's signal was 100db of S9! Having a 5 element monoband yagi up 200 feet really helps punch through!

Stan, W7NI (Pat's OM and the ORIGINAL station proprietor), helped in any way he could by making and serving coffee, etc. After he finished the dinner dishes he even called his Ham Radio friends and reminded them about the contest! Way to go team!

All in all it was a really fun contest with a fantastic turnout! Many thanks to all who showed their support of OTVARC contesting by submitting a log. Many thanks to the girls who really showed us a good sportspersonship and showed us how to contest!

Just wait till next time!

NB7W

OTVARC Attends Boy Scout Camporee

By Jeff Durr, KA7AKU

On Saturday, May 20th, seven club members took time from their busy schedules to show dozens of Cub and Boy Scouts what Ham Radio is all about.

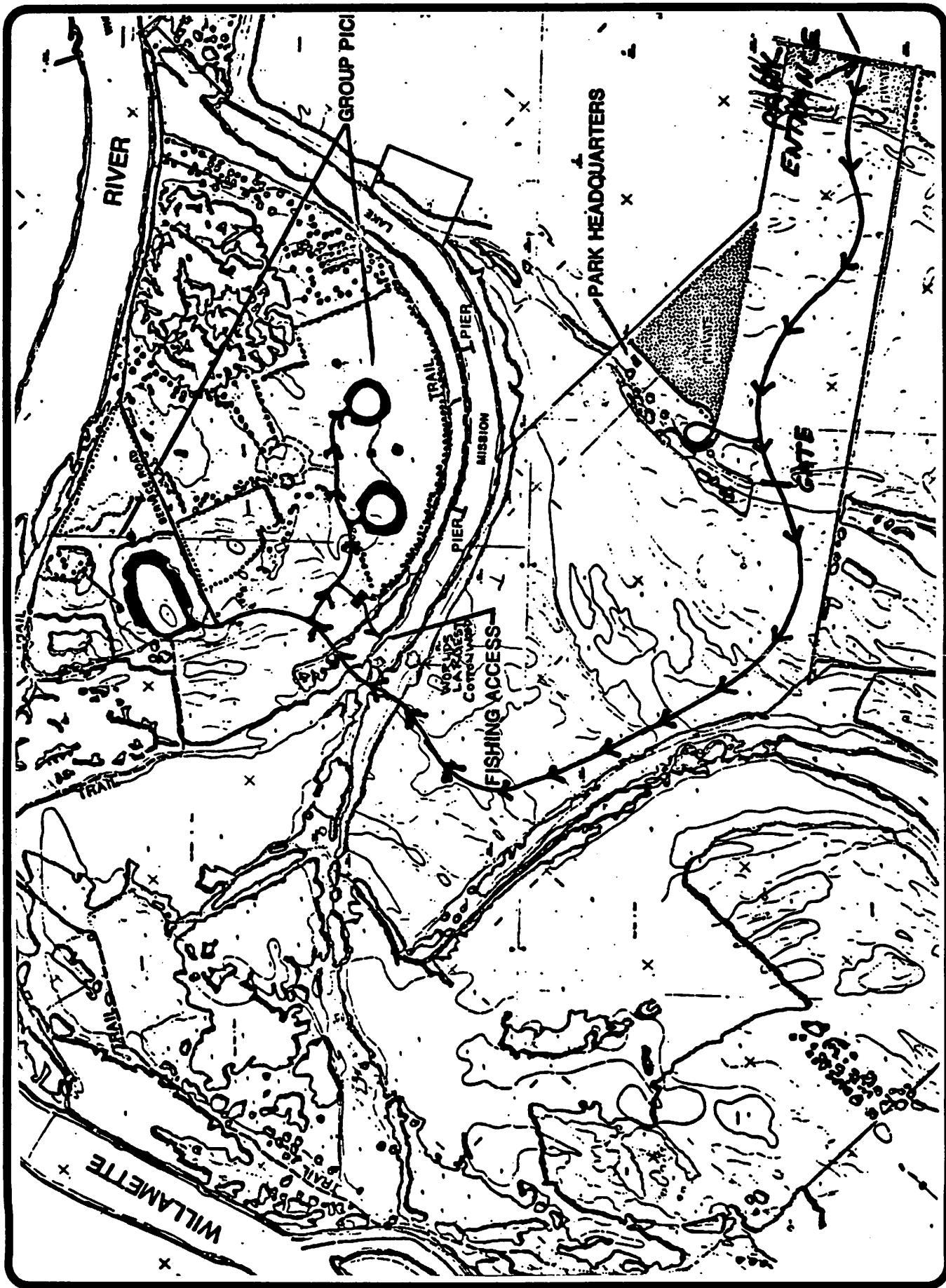
Terry, WB7CHK, used his truck and delivered the club trailer to the Flying M Ranch, west of Yamhill, Oregon. At this site several hundred Boy Scouts had set up camp for the weekend. During the day the scouts attended demonstrations on various skills and activities.

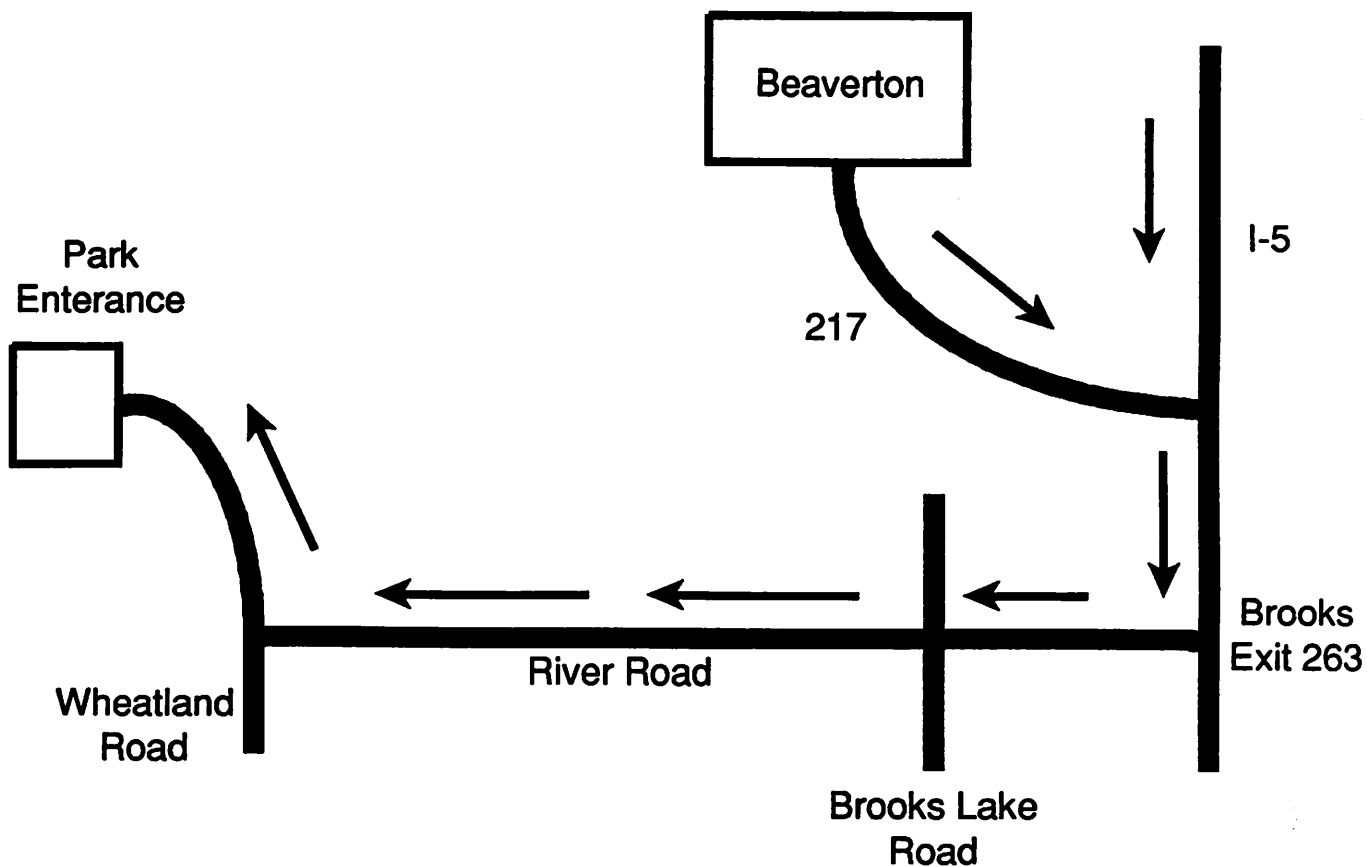
OTVARC members setup HF gear outside the trailer on a table, thanks to the fantastic weather. Inside the trailer several 2 meter rigs were in operation, as well as a packet radio demonstration.

Early in the morning, Japan was comming in on 20 meters. The band died off near noon, but not before a dozen patrols of Scouts got a taste of listening to someone sitting at his desk across the Pacific ocean.

John, K7SHC, would not give up on finding a station for the Scouts to talk to. His persistance paid off in a big way. The 15 meter band opened up after lunch, and John happened upon a contest in Italy! It was one of those times when the conditions were just right. Stations were comming in so strong, it sounded like the 2 meter gear in the trailer. John jumped into the contest, making a contact with Charlie, IK1HJS, in Italy. Taking time out in the middle of a busy contest, Charlie talked to about 20 Scouts. What a great demonstration of world wide Ham Radio friendship.

The members that participated were: Bob, WF7Q; Jim, KB7ADH; Randy, KZ7T; John, K7SHC; Bob, KA7DYO; and Jeff, KA7AKU.





Directions:

- 1) South on 217 from Beaverton to I-5 (5 miles)
- 2) South on I-5 to Brooks, Exit #263 and turn right (28 miles)
- 3) West on River Road to Wheatland Road and turn right (2 miles)
- 4) North on Wheatland Road to park entrance on left (3 miles)
- 5) Follow map on reverse side to campsite

OTVARC Field Day 1989

FIELD DAY FOOD SERVICE

The OTVARC Travelers have volunteered to provide the food service for the Field Day meals.

Travelers Please Note:

This function replaces the scheduled June campout to Carson Hot Springs

Elmers 'R' Us

By John Koenig, NB7W

An Elmer is an experienced Ham that takes the time to help a new person get started in Ham Radio.

OTVARC has organized a group of Hams to help newcomers get started. These Elmers can help cut a dipole and make it work, teach you how to solder on a connector, tune up your rig, make your first CW QSO, plug in your radio, or help in many other ways.

In my own experience it is the simple things, not clearly understood, that are the biggest blocks to getting on the air. It is nothing to be ashamed of, every Ham has had trouble with things that once seen and done become easy. I myself spent every evening for three months per-spining in front of my radio before I even touched the key!

If you are not on the air, if you are discouraged because of some problem, or if you just need someone to talk with give us a call, you will make our day!

John, NB7W, 641-3575

All About Electricity

By Joe Strolin, K1REC

I have been fiddlin' with electricity for 50 years. While I'm still able, I'd like to pass along some of my vast knowledge about this stuff.

1) Electricity is manufactured in power plants where it is fed into wires and wrapped around large drums that hang on poles.

2) Some electricity does not need to go through wires, like that used for lightning, for example, and portable radios. This kind of electricity is not manufactured, but just hangs around in the air, loose.

3) Electricity makes a low humming noise. This noise may be pitched differently for use in telephones, doorbells and electronic organs.

4) Electricity must be grounded before it can function, except in airplanes, which have their own arrangements.

5) Although electricity does not leak out of an empty socket, if you put your finger in the socket you can tell it's there. So if it is not leaking out, what else is it doing?

6) Electricity is made of two ingredients, negative and positive. One ingredient travels along a wire covered with white plastic, the other ingredient along a wire covered with black plastic. These two wires connect to a device called a plug. There the two ingredients are mixed to form electricity.

7) Electricity may be stored in boxes, called batteries. Big batteries do not necessarily hold more electricity than small ones. In big batteries, the electricity is shoveled in, while in small batteries, it is packed in flat.

8) The electric switch contains a sort of vise grip that squeezes the wire very hard so the electricity can't get through. Opening (turning "on") the switch releases the vise grip and the electricity can flow.

9) Electricity goes into a light bulb where for the first time we can see it! It is enlarged many times by the curvature of the bulb, which is made of magnifying glass.

10) Why does the light bulb blow out? Because as any schoolboy knows, heat converts oxygen into moisture. When all the oxygen in the bulb becomes moisture, then the water quenches the spark.

Oregon Tualatin Valley Amateur Radio Club Executive Board

Feel free to contact the Board of OTVARC to answer any questions you may have on anything:

President	Ray Deeth	K7VDQ	324-4502
Vice Pres.	Janet Bell	WB7FJC	648-4147
Secretary	Steve Coan	KA7MOW	646-5271
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